

For Research Use Only

TMEM258 Polyclonal antibody

Catalog Number: 31525-1-AP



Basic Information

Catalog Number: 31525-1-AP	GenBank Accession Number: BC015968	Purification Method: Antigen affinity Purification
Size: 400 ug/ml	GeneID (NCBI): 746	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P61165	
Isotype: IgG	Full Name: chromosome 11 open reading frame 10	
Immunogen Catalog Number: AG35142	Observed MW: 10 and 16 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, PC-3 cells, SH-SY5Y cells, U2OS cells
Species Specificity: human	

Background Information

TMEM258, or transmembrane protein 258, is a component of the oligosaccharyltransferase (OST) complex. Research has shown that TMEM258 is involved in controlling ER stress and intestinal inflammation. In particular, it has been identified as a central regulator of intestinal homeostasis. The loss of TMEM258 leads to unresolved ER stress, which can result in apoptosis (PMID: 27974209). The calculated MW is 9 kDa, The observed MW is multiple bands, which may be caused by Glycosylation modification.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

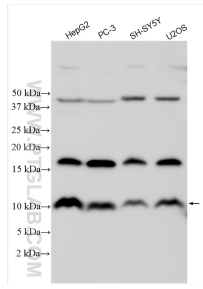
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31525-1-AP (TMEM258 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.